

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): A vehicle power supply system comprising:
  - a battery;
  - an inverter unit for converting DC electric power of the battery into AC electric power and supplying it to a rotating electric machine to drive it;
  - an AC wiring line for connecting the rotating electric machine and the inverter unit; and
  - a DC wiring line for connecting the inverter unit and the battery,

wherein the inverter unit is placed in a vicinity of the battery so that the DC wiring line becomes shorter than the AC wiring line;

wherein an electric connection body for electrically connecting the battery and the inverter unit is a metal plate; and

wherein the metal plate directly connects the battery and the inverter-inverter; and

wherein the inverter unit is attached and fixed, in physical contact with a side of the battery, by the metal plate.
2. - 16. (canceled).
17. (previously presented): The vehicle power supply system according to claim 1, further comprising a liquid cooling device mounted on a lower side of the inverter unit supplying cooling liquid which cools the inverter unit.
18. (canceled).